Message

From: Burke, Shaun [Burke.Shaun@epa.gov]

Sent: 7/7/2021 4:31:21 PM

To: LaVigna, Gaetano [LaVigna.Gaetano@epa.gov]; Prentice, Amanda [Prentice.Amanda@epa.gov]; Cardile, Joseph

[Cardile.Joseph@epa.gov]; Tu, Victor [Tu.Victor@epa.gov]; Leung, Chao [Leung.Chao@epa.gov]

CC: Buettner, Robert [Buettner.Robert@epa.gov]

Subject: RE: EPA Emissions Factors

Ex. 5 AC / Ex. 7(A)

From: LaVigna, Gaetano < LaVigna. Gaetano@epa.gov>

Sent: Wednesday, July 7, 2021 12:19 PM

To: Prentice, Amanda < Prentice. Amanda@epa.gov>; Burke, Shaun < Burke. Shaun@epa.gov>; Cardile, Joseph

<Cardile.Joseph@epa.gov>; Tu, Victor <Tu.Victor@epa.gov>; Leung, Chao <Leung.Chao@epa.gov>

Cc: Buettner, Robert <Buettner.Robert@epa.gov>

Subject: RE: EPA Emissions Factors

Ex. 5 AC / Ex. 7(A)

Gaetano La Vigna, Chief

Stationary Source Compliance Section Air Compliance Branch U.S. EPA Region 2 290 Broadway, 21st Floor New York, New York 10007-1866 Phone (212) 637-4069 Email LaVigna.Gaetano@epa.gov

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From: Prentice, Amanda < Prentice. Amanda@epa.gov>

Sent: Wednesday, July 07, 2021 12:09 PM

To: Burke, Shaun < Burke. Shaun@epa.gov >; LaVigna, Gaetano < LaVigna. Gaetano@epa.gov >; Cardile, Joseph

<Cardile.Joseph@epa.gov>; Tu, Victor <Tu.Victor@epa.gov>; Leung, Chao <Leung.Chao@epa.gov>

Cc: Buettner, Robert < Buettner.Robert@epa.gov>

Subject: RE: EPA Emissions Factors

Ex. 5 AC / Ex. 7(A)

From: Burke, Shaun < <u>Burke.Shaun@epa.gov</u>> Sent: Wednesday, July 7, 2021 11:58 AM

 $\textbf{To:} \ \ Prentice, Amanda < \underline{Prentice.Amanda@epa.gov}; \ LaVigna, \ Gaetano < \underline{LaVigna.Gaetano@epa.gov}; \ Cardile, \ Josepholomorphic Cardile, \ LaVigna, \ Cardile, \ Ca$

<<u>Cardile.Joseph@epa.gov</u>>; Tu, Victor <<u>Tu.Victor@epa.gov</u>>; Leung, Chao <<u>Leung.Chao@epa.gov</u>>

Cc: Buettner, Robert < Buettner.Robert@epa.gov >

Subject: RE: EPA Emissions Factors

Ex. 5 AC / Ex. 7(A)

thx

From: Prentice, Amanda < Prentice. Amanda@epa.gov>

Sent: Wednesday, July 7, 2021 11:48 AM

To: Burke, Shaun < Burke. Shaun@epa.gov >; LaVigna, Gaetano < LaVigna. Gaetano@epa.gov >; Cardile, Joseph

<<u>Cardile.Joseph@epa.gov</u>>; Tu, Victor <<u>Tu.Victor@epa.gov</u>>; Leung, Chao <<u>Leung.Chao@epa.gov</u>>

Cc: Buettner, Robert < Buettner.Robert@epa.gov>

Subject: RE: EPA Emissions Factors

Ex. 5 AC / Ex. 7(A)

From: Burke, Shaun < <u>Burke.Shaun@epa.gov</u>> Sent: Wednesday, July 7, 2021 11:46 AM

To: Prentice, Amanda < Prentice. Amanda@epa.gov>; LaVigna, Gaetano < LaVigna. Gaetano@epa.gov>; Cardile, Joseph

<<u>Cardile.Joseph@epa.gov</u>>; Tu, Victor <<u>Tu.Victor@epa.gov</u>>; Leung, Chao <<u>Leung.Chao@epa.gov</u>>

Cc: Buettner, Robert < Buettner.Robert@epa.gov >

Subject: RE: EPA Emissions Factors

Amanda

Ex. 5 AC / Ex. 7(A)

From: Prentice, Amanda < Prentice.Amanda@epa.gov>

Sent: Wednesday, July 7, 2021 11:08 AM

To: LaVigna, Gaetano <LaVigna.Gaetano@epa.gov>; Cardile, Joseph <Cardile.Joseph@epa.gov>; Tu, Victor

<Tu.Victor@epa.gov>; Leung, Chao <Leung.Chao@epa.gov>

Cc: Buettner, Robert < Buettner.Robert@epa.gov >; Burke, Shaun < Burke.Shaun@epa.gov >

Subject: FW: EPA Emissions Factors

Ex. 5 AC / Ex. 7(A)

From: Bob Peshak < bpeshak@envirosure.com>
Sent: Wednesday, July 7, 2021 10:26 AM

To: Prentice, Amanda < Prentice.Amanda@epa.gov>

Cc: Thaddeus Bahl < tbahl@envirosure.com >

Subject: EPA Emissions Factors

Good morning Amanda, we re-ran the emissions estimates based on the published data and site conditions. Looking forward to our call later this moring.

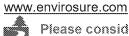
Bob Peshak General Manager Envirosure, LLC

Hello all,

I re-ran the numbers using emissions factors for only mixed scrap and white goods (Sheet). The emissions factors came from a 2010 source test for a hammer mill using only water for emissions control. This source test resulted in an average of 0.04767 lbs VOC/ton. This would allow us to process **Ex. 4 CBI** without exceeding the 3.5 lb VOC/hr limit.

Thank you,

Thaddeus Bahl, EIT
Environmental Engineer II
Envirosure, LLc
1018 East Guadalupe Road, Tempe, AZ 85283
(o) 480.393.0560
(c) 480.600.6002
(f) 480.784.2207
tbahl@envirosure.com



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